SMM

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	((CARMIT) near2 (LEVITA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:16
S2	39	((RICHARD) near2 (FAGAN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 10:23
S3	28	((DAVID) near2 (MICHALOVICH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 10:23
S4	11	((MELANIE) near2 (YORKE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 10:24
S5	1	EP-476233-A$	DERWENT	OR	ON	2007/10/18 14:23
S6	2	"INSP106"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 14:16
S7	1	EP-476233-A$	DERWENT	OR	ON	2007/10/18 14:31
S9	0	"DCKYKFENWGACDGGTGTKVRQGTLKKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKGVGLSRGAAPPPPRL"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:55
S10	1041	"INSP106" or midkine or "swall" or "P21741"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:57
S11	106	S10 and "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:02

EAST Search History

S12	99	S10 and "splice variant" and polypeptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:08
S13	72	midkine and "splice variant" and polypeptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:08
S14	78	midkine and "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S15	35	S14 and polypeptide.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S16	0	midkine near "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S17	5	midkine same "splice variant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09
S18	3	S17 and polypeptide.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 09:09

```
=> D HIS

     (FILE 'HOME' ENTERED AT 08:36:59 ON 19 OCT 2007)

     FILE 'REGISTRY' ENTERED AT 08:37:25 ON 19 OCT 2007
L1             2 S DCKYKFENWGACDGGTGTKVRQGTLKKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKGV

     FILE 'CAPLUS' ENTERED AT 08:38:21 ON 19 OCT 2007
L2             1 S L1

     FILE 'REGISTRY' ENTERED AT 08:39:36 ON 19 OCT 2007
L3            92 S AKKGKGKD/SQSP
L4             2 S DCKYKFENWGACDGGTGTKVRQGTLKKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKGV

     FILE 'CAPLUS' ENTERED AT 08:40:28 ON 19 OCT 2007
L5            71 S L3
L6             1 S L4
L7             1 S L5 AND L6
```

<!--StartFragment-->RESULT 4
ADI60122
ID ADI60122 standard; protein; 162 AA.
XX
AC ADI60122;
XX
DT 15-APR-2004 (first entry)
XX
DE Secreted polypeptide #6.
XX
KW osteopathic; vulnerary; cytostatic; gene therapy; diagnosis; forensics;
KW gene mapping; mutation identification; biodiversity; chromosome marker;
KW immune response; myeloid cell disorder; lymphoid cell disorder;
KW bone cartilage; tendon; ligament; nerve tissue growth; wound healing;
KW burns; incision; ulcer; cancer.
XX
OS Homo sapiens.
XX
PN WO2003025142-A2.
XX
PD 27-MAR-2003.
XX
PF 18-SEP-2002; 2002WO-US029636.
XX
PR 18-SEP-2001; 2001US-0323349P.
PR 16-SEP-2002; 2002US-00323349.
XX
PA (HYSE-) HYSEQ INC.
XX
PI Tang YT, Asundi V, Goodrich RW, Ren F, Zhang J, Zhao QA, Wang J;
PI Ghosh M, Xue AJ, Wehrman T, Weng G, Zhou P, Drmanac RT;
XX
DR WPI; 2003-354601/33.
DR N-PSDB; ADI60467.
XX
PT New polynucleotides and secreted proteins, useful for treating myeloid or
PT lymphoid cell disorders, in bone cartilage, tendon, ligament and nerve
PT tissue growth or regeneration, in wound healing, and in tissue repair and
PT replacement.
XX
PS Claim 20; SEQ ID NO 157; 243pp; English.
XX
CC The invention relates to novel isolated polynucleotides or a sequence
CC encoding a polypeptide with biological activity, where the polynucleotide
CC hybridizes to the polynucleotide under stringent hybridization conditions
CC or has greater than 99% sequence identity with the polynucleotide. The
CC polynucleotides and polypeptides are useful in diagnostics, forensics,
CC gene mapping, identification of mutations responsible for genetic
CC disorders and other traits, to assess biodiversity, as nutritional
CC sources or supplements. The polynucleotides may also be used as molecular
CC weight markers, chromosome markers or map related gene positions, or as
CC an antigen to raise anti-DNA antibodies or elicit immune response. The
CC polypeptides are useful for raising antibodies, as markers for tissues in
CC which the corresponding polypeptide is expressed, for re-engineering
CC damaged or diseased tissues, for treating myeloid or lymphoid cell
CC disorders, in bone cartilage, tendon, ligament and/or nerve tissue growth
CC or regeneration, in wound healing, in tissue repair and replacement, in
CC healing of burns, incisions and ulcers, and in treating cancer. This
CC sequence corresponds to a protein sequence of the invention.
XX
SQ Sequence 162 AA;

```
  Query Match             97.8%;  Score 398;  DB 7;  Length 162;
  Best Local Similarity   100.0%;  Pred. No. 6.7e-39;
  Matches   72;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DCKYKFENWGACDGGTGTKVRQGTLKKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKG 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 DCKYKFENWGACDGGTGTKVRQGTLKKARYNAQCQETIRVTKPCTPKTKAKAKGQRKEKG 142

Qy         61 VGLSRGAAPPPP 72
              ||||||||||||
Db        143 VGLSRGAAPPPP 154
<!--EndFragment-->
```